

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An antibiotic method for processing a part of a refrigerator using a silver-based antibiotic substance, comprising the steps of:

forming a preform of the part to have a thickness relatively smaller than that of a finished product of the part through an extrusion process;

mixing 0.05 to 0.1% by weight of the silver-based antibiotic substance with a resin based on the total weight of the resin; and

forming an antibiotic layer on a surface of the preform of the part using the resin with the antibiotic substance mixed therewith,

wherein the silver-based antibiotic substance comprises 60 to 80% by weight of an oxide of Ag ions having diameters of several dozen to hundred nanometers, 10 to 20% by weight of zirconium phosphate, and 10 to 20% by weight of a zinc oxide.

2. (Original) The method as claimed in claim 1, wherein the antibiotic layer is formed by laminating a film made of the resin with the antibiotic substance mixed therewith.

3. (Previously Presented) The method as claimed in claim 1, wherein the antibiotic layer is formed on the surface of the part of the refrigerator by extruding the preform and placing the preform into a mold and forming the antibiotic layer thereon.

4-7. (Canceled)

8. (Previously Presented) The method as claimed in claim 1, further comprising mixing the silver-based antibiotic substance in the form of pellets with the resin.

9. (Previously Presented) The method of claim 8, further comprising forming the pellets from powder.